



PRAIRIE RESEARCH INSTITUTE

Illinois State Water Survey
2204 Griffith Drive
Champaign, IL 61820

OPERATION OF THE IMPERIAL VALLEY WATER AUTHORITY (IVWA) PRECIPITATION NETWORK

Monthly Progress Report for December 2025
January 23, 2026

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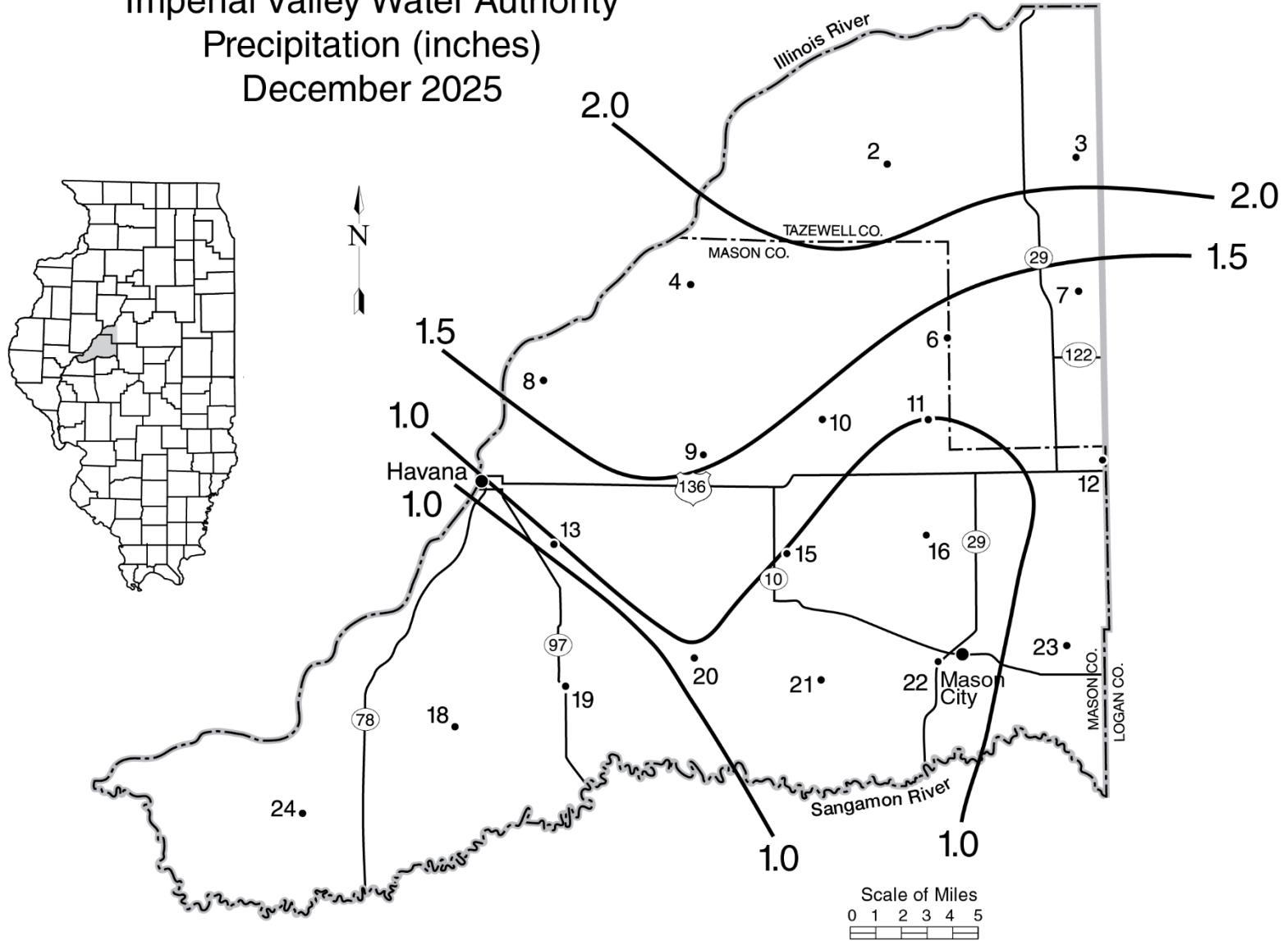
Raingage Network Operations

On January 9, 2026, Emily Winfield downloaded the precipitation data for December 2025. The collections were weighed. Precipitation data for gages #9 are downloaded by modem every hour to an Illinois State Water Survey server. Any missing data for gage #12 are estimated.

Data Analysis

The average network precipitation for December 2025 was 1.27 inches, which is below the 33-year network average of 1.93 inches, making December the fifth month in a row of below-average precipitation. Monthly gage totals ranged 1.62 inches across the network, from 0.77 inches at site #16, north of Mason City, to 2.39 inches at site #2, northwest of Parkland. The 30-year (1991–2020) average precipitation amounts for the month of December at Havana and Mason City are 2.35 and 1.70 inches, respectively. The December 2025 network average of 1.27 inches represents 66 percent of the 33-year network average for the month of December.

Imperial Valley Water Authority Precipitation (inches) December 2025



December 2025 Daily and Monthly Precipitation Amounts (inches), Imperial Valley Network

DAY	G 2	G 3	G 4	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 15	G 16	G 18	G 19	G 20	G 21	G 22	G 23	G 24
1	0.13	0.09	0.09	0.12	0.12	0.16	0.18	0.10	0.14	0.13	0.10	0.16	0.13	0.14	0.16	0.13	0.11	0.13	0.17	0.21
2	0.01	0.01	-	0.01	-	-	-	0.01	0.03	0.01	-	-	-	0.01	-	-	< 0.01	0.01	-	-
3	-	0.01	0.02	0.01	-	0.04	0.01	-	0.01	0.01	-	0.01	0.01	-	0.02	0.01	0.01	0.01	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.01	-	-	0.01	-	-	-
7	0.01	< 0.01	0.01	-	-	-	0.01	-	< 0.01	< 0.01	-	-	-	-	-	< 0.01	0.01	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	0.01	0.01	-	-	-	< 0.01	-	-	-	-	-	0.01	< 0.01	-	0.02	< 0.01	-	-	0.01	-
10	0.02	0.05	-	0.07	0.02	0.02	0.01	-	0.02	0.02	0.01	0.02	-	< 0.01	-	0.02	-	< 0.01	0.01	0.02
11	0.19	0.11	0.12	0.13	0.15	0.22	0.25	0.11	0.16	0.15	0.12	0.18	0.12	0.25	0.13	0.10	-	0.10	0.16	0.28
12	0.01	0.01	0.01	0.01	-	0.01	0.02	< 0.01	0.04	0.02	< 0.01	0.01	0.01	0.01	0.02	-	-	0.01	-	0.01
13	0.23	0.11	0.27	0.27	0.19	0.02	0.29	0.17	0.13	0.16	0.15	0.12	0.21	0.20	0.39	0.26	0.30	0.16	0.40	0.30
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.37	0.34	0.28	0.39	0.34	0.37	0.45	0.39	0.28	0.31	0.35	0.31	0.24	0.41	0.45	0.36	0.29	0.32	0.22	0.37
19	0.01	< 0.01	-	< 0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.01
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
27	< 0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.01	-	0.01
28	1.39	1.46	0.91	0.32	0.47	0.40	0.41	0.27	0.19	0.33	0.23	0.12	0.06	0.17	0.10	0.07	0.09	0.14	0.17	0.27
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	< 0.01	0.03	< 0.01	-	< 0.01	0.01	-	0.01	-	< 0.01	-	-	-	< 0.01	-	-	< 0.01	< 0.01	< 0.01	-
Total	2.39	2.23	1.71	1.32	1.28	1.26	1.63	1.07	0.98	1.13	0.96	0.94	0.77	1.19	1.28	0.95	0.83	0.88	1.14	1.49

Imperial Valley Network Average = 1.27 inches The average network precipitation for December 2025 was 1.27 inches, which is below the 33-year network average of 1.93 inches, making December the fifth month in a row of below-average precipitation.